IN THE SPECIFICATION

Page 1, in the heading, please cancel: "tesa...Description"

Page 1, line 15, please insert:

--Background of the invention—

Page 2, line14, please insert:

--Summary of the invention--

Page 2, line 22, please insert:

--Detailed description--

Paragraph beginning on page 4, line 31 (amended):

Moderate basic monomers are, for example, N,N-dialkyl-substituted amides, such as, for example, N,N-dimethylacrylamide, N,N-dimethylmethylmethacrylamide, N-tert-butyl-acrylamide, N-vinylpyrrolidone, N-vinyllactam, dimethylaminoethyl methacrylate, dimethylaminoethyl acrylate, diethylaminoethyl methacrylate, diethylaminoethyl acrylate, N-methylolmethacrylamide, ~~**N-(buthoxymethyl)methacrylamide**~~ **N-(butoxymethyl)-methacrylamide**, N-methylolacrylamide, N-(ethoxymethyl)acrylamide, N-isopropylacrylamide, this enumeration not being exhaustive.

Paragraph beginning on page 7, line 20 (amended):

For optional crosslinking with UV light it is possible to add UV-absorbing photoinitiators to the PSAs. Useful photoinitiators whose use is very effective are benzoin ethers, such as benzoin methyl ether and benzoin isopropyl ether, substituted acetophenones, such as 2,2-diethoxyacetophenone (available as Irgacure 651® from Ciba ~~**Geigy**®~~ **Geigy**), 2,2-dimethoxy-2-phenyl-1-phenylethanone, dimethoxyhydroxyacetophenone, substituted α-ketols, such as 2-methoxy-2-hydroxypropiophenone, aromatic sulfonyl

chlorides, such as 2-naphthylsulfonyl chloride, and photoactive oximes, such as 1-phenyl-1,2-propanedione 2-(O-ethoxycarbonyl)oxime, for example.

Paragraph beginning on page 12, line 15 (amended):

Examples of C_6-C_{18} aryl radicals include phenyl, naphthyl, benzyl, 4-tert-butylbenzyl, and other substituted phenyls, such as ethyl**benzyl**, toluene, xylene, mesitylene, isopropylbenzene, dichlorobenzene or bromotoluene.

Paragraph beginning on page 13, line 17 (amended):

Compounds of type (Va) or (Vb) can also be attached to polymer chains of any kind (primarily such that at least one of the abovementioned radicals constitutes a polymer chain of this kind) and may therefore be used for the synthesis of polyacrylate PSAs.

More preferred are controlled regulators for the polymerization of compounds of the following type:

- 2,2,5,5-tetramethyl-1-pyrrolidinyloxyl (PROXYL), 3-carbamoyl-PROXYL, 2,2-dimethyl-4,5-cyclohexyl-PROXYL, 3-oxo-PROXYL, 3-hydroxylimine-PROXYL, 3-aminomethyl-PROXYL, 3-methoxy-PROXYL, 3-t-butyl-PROXYL, 3,4-di-t-butyl-PROXYL
- 2,2,6,6-tetramethyl-1-piperidinyloxy ~~pyrrolidinyloxyl~~ (TEMPO), 4-benzoyloxy-TEMPO, 4-methoxy-TEMPO, 4-chloro-TEMPO, 4-hydroxy-TEMPO, 4-oxo-TEMPO, 4-amino-TEMPO, 2,2,6,6,-tetraethyl-1-piperidinyloxyl, 2,2,6-trimethyl-6-ethyl-1-piperidinyloxyl
- N-tert-butyl 1-phenyl-2-methylpropyl nitroxide
- N-tert-butyl 1-(2-naphthyl)-2-methylpropyl nitroxide
- N-tert-butyl 1-diethylphosphono-2,2-dimethylpropyl nitroxide
- N-tert-butyl 1-dibenzylphosphono-2,2-dimethylpropyl nitroxide
- N-(1-phenyl-2-methylpropyl) 1-diethylphosphono-1-methylethyl nitroxide

- di-t-butyl nitroxide
- diphenyl nitroxide
- t-butyl t-amyl nitroxide.

Page 27, please cancel "Patent Claims", and substitute

--We claim:--